



# AALTO

## BAFFLE CLOUD

**EZO**  
B O R D



**MEET AALTO  
BAFFLE CLOUD**

A new generation of ceiling baffles

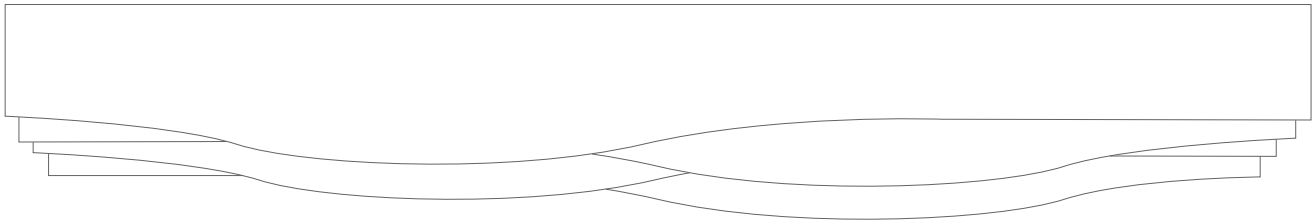


**EzoBord Baffle Clouds are a stylish addition to any ceiling, easy to install, and can be customized through the use of wide array of standard EzoBord colors.**

A new generation of ceiling baffles - sound dampening, free-hanging and designed for style. Stylish EzoBord Baffle Clouds are a series of sound absorbing suspended panels that redefine interior open spaces. The Aalto model helps

you to bring a designer look into open offices, restaurants and public spaces, that will help reduce noise and reverberation. Adjustable to various heights and angles, and installed from deck, ceilings, drywall, standard T bar suspension systems.

# BAFFLE CLOUD

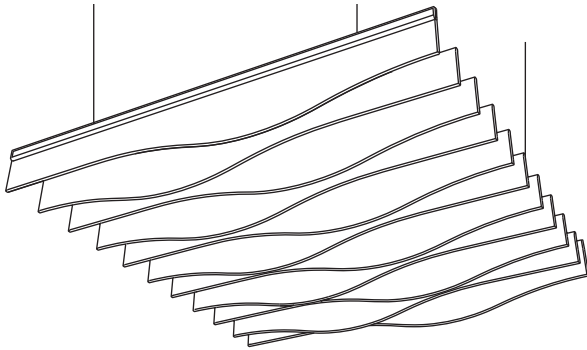


| <b>WIDTH</b> | <b>LENGTH</b> | <b>MAX HEIGHT</b>                       | <b>THICKNESS</b>                    | <b>BAFFLES</b> |
|--------------|---------------|-----------------------------------------|-------------------------------------|----------------|
| 47" (1192mm) | 47" (1192mm)  | 7 <sup>3</sup> / <sub>4</sub> " (197mm) | <sup>3</sup> / <sub>8</sub> " (9mm) | 7              |
| 47" (1192mm) | 47" (1192mm)  | 11 1/2" (292mm)                         | <sup>3</sup> / <sub>8</sub> " (9mm) | 7              |
| 47" (1192mm) | 47" (1192mm)  | 7 3/4" (197mm)                          | 1/2" (12mm)                         | 7              |
| 47" (1192mm) | 47" (1192mm)  | 11 1/2" (292mm)                         | 1/2" (12mm)                         | 7              |
| 95" (2413mm) | 95" (2413mm)  | 7 3/4" (197mm)                          | <sup>3</sup> / <sub>8</sub> " (9mm) | 13             |
| 95" (2413mm) | 95" (2413mm)  | 11 1/2" (292mm)                         | <sup>3</sup> / <sub>8</sub> " (9mm) | 13             |
| 95" (2413mm) | 95" (2413mm)  | 7 3/4" (197mm)                          | 1/2" (12mm)                         | 13             |
| 95" (2413mm) | 95" (2413mm)  | 11 1/2" (292mm)                         | 1/2" (12mm)                         | 13             |

Please note that all dimensions are nominal, supplier reserves the right to adjust sizing without prior notification.

# SPECIFICATIONS

## BAFFLE CLOUD



### SIZES

1 standard shape available in two sizes.

**LENGTHS** 47" (1192mm) × 47" (1192mm);  
95" (2413mm) × 95" (2413mm)

**HEIGHT** 7 ¾" (197mm);  
11 ½" (292mm)

**THICKNESS** ⅜" (9mm) | ±0.5mm ;  
½" (12mm) | ±0.5mm

Custom dimensions available on request

### COMPOSITION

**100% PET** (min. 50% recycled content)

### PRODUCT VARIANCES

Variation in fiber mix and colour may occur. All products will be supplied within commercial tolerances.

### CLEANING

Remove dust and dirt with a stiff plastic bristle brush. Distilled water can be used to remove stains. Always use a soft, clean cloth and blot dry. Vacuuming works great as well.

### FIRE TESTING

#### NORTH AMERICA:

- ASTM E-84 Class A\*
- CAN ULC S102-10

#### EUROPE AND UK:

- EN13501-1: 2007

\* Upon request, 1/2"(12mm) sheet material is treated with USA origin post-production flame retardant to Class A surface burning characteristics. Post sheet production FR treatment does not contain any Red List Restricted Chemicals and complies with California Proposition 65. Contact customer service for technical information, test data and safety data sheets for flame retardant

### ACOUSTICS

Refer to ASTM C423 test chart for specific absorption rates/frequency.

- ⅜" (9mm): NRC 0.75 (subject to mounting conditions and geometrical properties)
  - ½" (12mm): NRC 0.85 (subject to mounting conditions and geometrical properties)
- (subject to mounting conditions and geometrical properties)

### ENVIRONMENT

Made of polyester fiber, min. 50% of which comes from recycled water bottles which contributes to LEED MR Credit and BREEAM Health and Wellbeing, Materials points due to recycled content, acoustic performance, and low emitting materials. No VOC's: CDPH v1.2 and REACH SVHC Compliant.

### USGBC LEED V4 CREDITS

While individual products do not 'earn' LEED credits, EzoBord can contribute to the following LEED v4 Credits. Please refer to the USGBC LEED credit guides for detailed requirements.

- EQc9 for enhancing acoustic performance
- MRc3 BPDO for sourcing of raw materials for recycled contribution
- EQc6 interior lighting for surface reflectance (lighter color options).

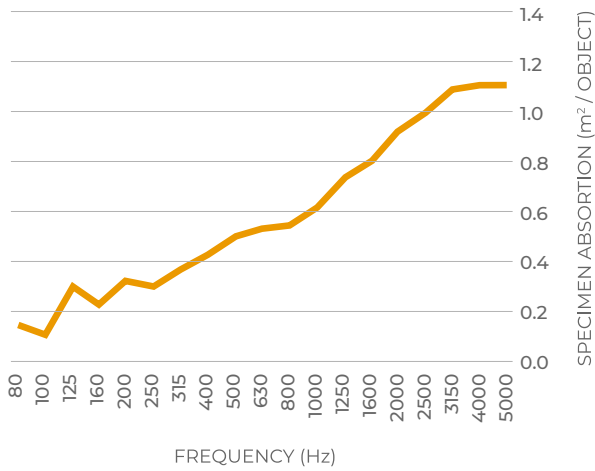
## NOISE REDUCTION - 3/8" (9MM)

Constructed from 3/8" (9mm) EzoBord      Baffle Height 12 1/8" (307.97mm)

Baffle Spacing 10 5/8" (269.88mm)

### SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

| NRC  | SAA  | 125  | 250  | 500  | 1000 | 2000 | 4000 |
|------|------|------|------|------|------|------|------|
| 0.60 | 0.59 | 0.21 | 0.33 | 0.49 | 0.63 | 0.91 | 1.10 |



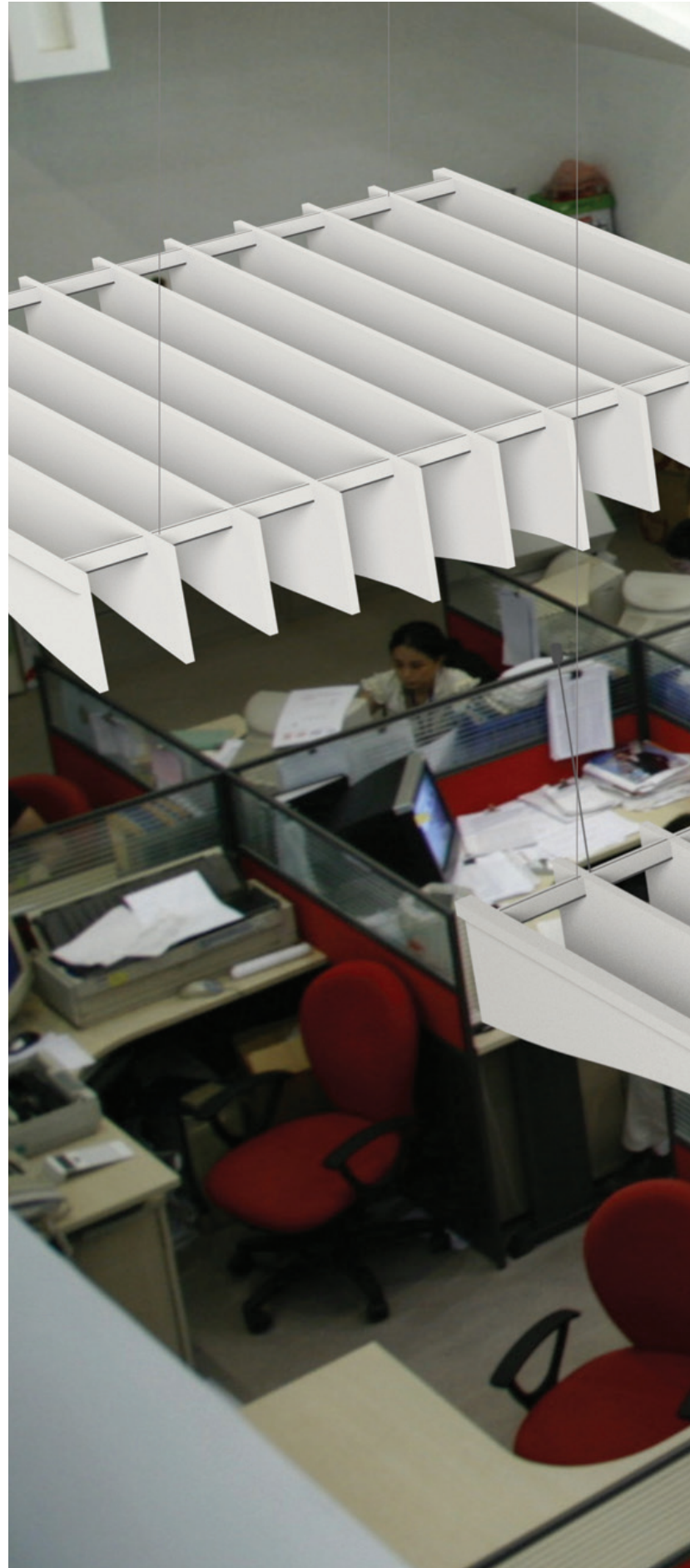
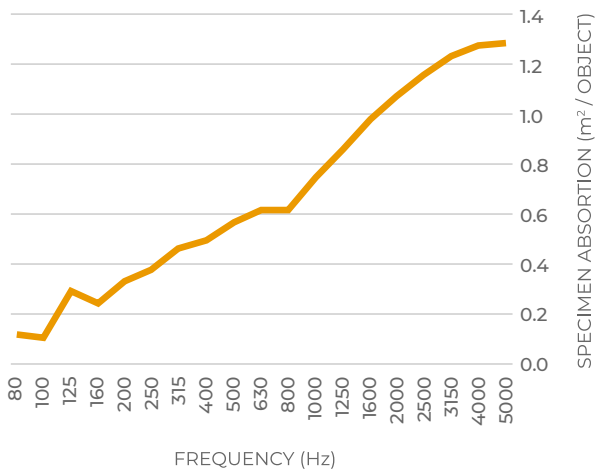
## NOISE REDUCTION - 1/2" (12MM)

Constructed from 1/2" (12mm) EzoBord      Baffle Height 12" (304.8mm)

Baffle Spacing 10 1/2" (266.7mm)

### SOUND ABSORPTION COEFFICIENTS (ASTM C423-17)

| NRC  | SAA  | 125  | 250  | 500  | 1000 | 2000 | 4000 |
|------|------|------|------|------|------|------|------|
| 0.70 | 0.70 | 0.22 | 0.40 | 0.56 | 0.74 | 1.08 | 1.27 |





# COLOR & FINISHES

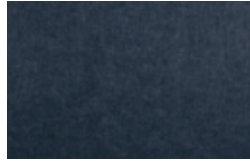
## COLORS 3/8" (9MM)



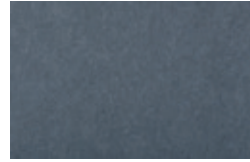
**PURE BLACK**  
PB09



**CHARCOAL GRAY**  
CG06



**EBONY SLATE**  
ES07



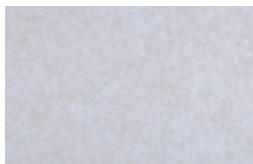
**DARK GRAY**  
DG34



**SILVER GRAY**  
SG04



**CLASSIC WHITE**  
CW04



**LIGHT BEIGE**  
LB01



**DESERT SAND**  
DS10



**SUNNY DAYS**  
SD18



**TIGER ORANGE**  
TO24



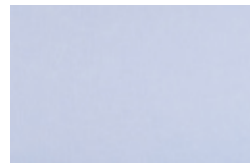
**RUBY RED**  
RR28



**DEEP PURPLE**  
DP30



**MIDNIGHT NAVY**  
MN12



**POLAR ICE**  
PI14



**GREEN APPLE**  
GA41

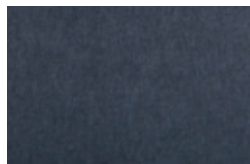
## COLORS 1/2" (12MM)



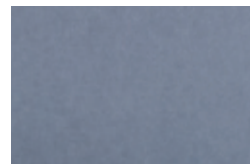
**PURE BLACK**  
PB09



**CHARCOAL GRAY**  
CG06



**BOLD GRAY**  
BG07



**ELEPHANT GRAY**  
EG11



**SILVER GRAY**  
SG04



**CLASSIC WHITE**  
CW04



**DESERT SAND**  
DS10



**TREE BARK**  
TB35



**SUNNY DAYS**  
SD18



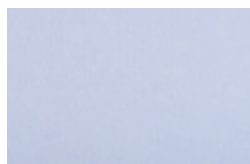
**BRICK RED**  
BR34



**GRAPE VINE**  
CV36



**ROYAL BLUE**  
RB08



**POLAR ICE**  
PI14



**OCEAN BLUE**  
OB14



**MOSS GREEN**  
MG10





# ENVIRONMENT

## Our Commitment to the Environment

There are approximately 50 billion water bottles consumed around the world each year, and only about half of those get recycled. The rest end up in landfills, littered through our neighborhoods, or floating in our oceans.

Bottled water consumption has more than doubled since 2000; in 2015 there was the equivalent of more than 5 bottles of water consumed for every person in the USA every single week. This, of course, means that the amount of oil required to produce the energy used for the water bottling process continues to grow.

In 2007, the last year global statistics of oil consumption were available, between 32 million and 54 million barrels of oil were used to produce the bottled water that was consumed in the USA alone. This energy is used to make the bottles from PET pellets (1 million tons in the USA), treat water, bottle the water, label the bottles, and transport the bottled water. Most of the energy consumption occurs in the creation of the bottles themselves. To help in the lifecycle of this plastic product, we have chosen to manufacture our material so that it recycles these PET bottles. We are doing our part to reduce the waste. This acoustical and tackable material is made from PET bottles in a zero-waste process with postindustrial recycling. An environmentally friendly, sustainable, and waste reduced alternative to traditional acoustical/tackable material that looks great in any office, education, or open space installation.

## EzoBord is



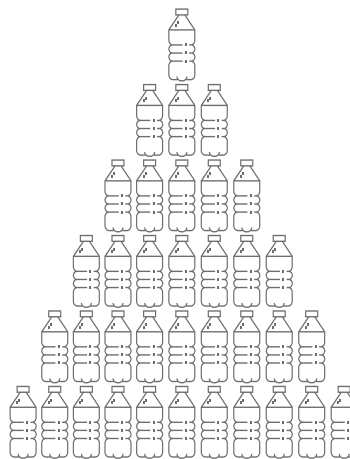
- low VOC
- formaldehyde free

## DID YOU KNOW...



For every pound of recycled PET bottles (approximately 23) energy use is reduced by 84% and greenhouse gas emissions are reduced by 71%.

## PET BOTTLES



± 166 pet bottles are used to make one  $\frac{3}{8}$ " 9mm thick EzoBord sheet.

± 318 pet bottles are used to make one  $\frac{1}{2}$ " 12mm thick EzoBord sheet.





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